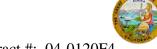
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES Office of Structural Materials

Quality Assurance and Source Inspection

Bay Area Branch 690 Walnut Ave.St. 150 Vallejo, CA 94592-1133 (707) 649-5453 (707) 649-5493



Contract #: 04-0120F4

Cty: SF/ALA Rte: 80 PM: 13.2/13.9

File #: 69.15

SOURCE INSPECTION REPORT

Resident Engineer: Pursell, Gary **Report No:** SIR-000065

Address: 333 Burma Road **Date Inspected:** 19-May-2007

City: Oakland, CA 94607

OSM Arrival Time: 800 **Project Name:** SAS Superstructure **OSM Departure Time:** 1730 **Prime Contractor:** American Bridge/Fluor Enterprises, a JV

Contractor: Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

Quality Control Contact: Quality Control Present: Yes Huang Wei No

Material transfer: Yes N/A **Sampled Items:** Yes No No N/A **Stock Transfer:** N/A N/A Yes No OK to Cut: Yes No **Rebar Test Witness:** Yes N/A N/A No **Delayed/Cancelled:** Yes No

Other: N/A

Bridge No: 34-0006 N/A **Component: Bid Item:** Lot No: N/A 52

Summary of Items Observed:

The CALTRANS Quality Assurance (QA) Inspector, Alfredo Acuna was present to observe quality control functions related to welding, testing and fabrication of the mock-ups at the Zhenhua Port Machinery Company (ZPMC) facility on Changxing Island for the San Francisco Oakland Bay Self Anchored Suspension Bridge. The QA inspector observed approximately fifty (50) ZPMC shop personnel performing fabrication activities on elevation 77.000 (diaphragm 3B), elevation 89.000 (diaphragm 2C), elevation 114.000 (tower splice) at the ZPMC OBG workshop. The QA inspector observed twenty one(21) ZPMC shop personnel performing activities associated with the fabrication and procedure qualification testing for the close rib at the Gantry welding machine using the gas metal arc welding (GMAW). The QA inspector observed ZPMC, ABF, Inspectech and Bureau Veritas inspectors performing observations and inspections. The digital photos below show ZPMC performing fabrication activities associated with the close ribs (before the Caltrans close ribs trial). In addition with the dimensional measurement taken on the root face (approximately 2.5 mm with a optical comparator) from the close ribs before bending the plate.

SOURCE INSPECTION REPORT

(Continued Page 2 of 2)





Summary of Conversations:

The QA inspector did not have any relevant conversation on this date.

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Mazen Wahbeh, (818) 292-0659, who represents the Office of Structural Materials for your project.

Inspected By:	Acuna, Alfredo	Quality Assurance Inspector
Reviewed By:	McClary,David	QA Reviewer